

Weight to be painted on aeroplane—*see* A.N.D. 13, para. 33 and Notice to Aircraft Owners and Ground Engineers No. 33/1937.

Weight of fuel, oil, passengers and crew .....	..	..	..	..	G.2	—
Weight, requirements to be met at maximum weight .....	..	..	..	..	B.1	8
Welding— <i>see</i> ALL COMPONENTS.						
Wheels and tyres— <i>see</i> UNDERCARRIAGE.						
Windows— <i>see</i> WINDSCREEN AND WINDOWS.						

#### WINDSCREEN AND WINDOWS :—

Emergency exits, special requirements for windows .....	..	..	..	..	B.5	19
Fire risk, approval of inflammable glass substitutes .....	..	..	..	..	B.5	16
Material for windows in neighbourhood of pilot .....	..	..	..	..	B.5	16
Securing of windscreens glass .....	..	..	..	..	B.5	16

#### WINGS (*see also* ALL COMPONENTS) :—

##### Stressing requirements

Aerials, attachment of .....	..	..	..	..	B.3	19
Ailerons— <i>see</i> AILERONS.						
Automatic control .....	..	..	..	..	B.3	24
C.P. Back .....	..	..	..	..	B.2	4
C.P. Forward .....	..	..	..	..	B.2	3
Down gust .....	..	..	..	..	B.2	2
Duplicate wires .....	..	..	..	..	B.3	16
Engine mounting cases .....	..	..	..	..	B.3	4
Fast glide .....	..	..	..	..	B.2	5
Flaps— <i>see</i> FLAPS.						
Inverted flight, high negative incidence .....	..	..	..	..	B.2	11
Landing .....	..	..	..	..	B.2	6-9
Long struts, aerodynamic loading on .....	..	..	..	..	B.3	22
Mass-balance arms .....	..	..	..	..	B.3	7
Relative strength of lift and anti-lift wires .....	..	..	..	..	B.3	18
Slat, lateral load on .....	..	..	..	..	B.3	1
Slotted wings .....	..	..	..	..	B.3	1
Spars, lateral support .....	..	..	..	..	B.3	21
Spars, method of strength estimation .....	..	..	..	..	B.3	21
Stabilization of long struts .....	..	..	..	..	Z.3	14
Superstall .....	..	..	..	..	B.3	1
Terminal velocity dive .....	..	..	..	..	B.2	10
Up gust .....	..	..	..	..	B.2	1
Wings with sweepback .....	..	..	..	..	B.4	3
Wires cut .....	..	..	..	..	B.3	17

##### Other requirements

Aerials— <i>see</i> AERIALS.						
Doping .....	..	..	..	..	B.5	12
Dural tubes thinner than 22 G. ....	..	..	..	..	B.5	18
Fabric and stringing .....	..	..	..	..	B.5	12
Fasteners for inspection doors .....	..	..	..	..	Z.3	17
Fatigue failures of streamline wires .....	..	..	..	..	Z.3	7
Handling loads .....	..	..	..	..	B.5	17
Mass-balance— <i>see</i> AILERONS.						
Ribs .....	..	..	..	..	B.3	20
Ribs .....	..	..	..	..	Z.2	—
Ribs .....	..	..	..	..	Z.3	1
Slat locking devices .....	..	..	..	..	B.3	1
Stiffness .....	..	..	..	..	Z.7	—
Streamline wires .....	..	..	..	..	Z.3	7
Wing flutter .....	..	..	..	..	B.5	1
Wing flutter .....	..	..	..	..	Z.7	—
Wing flutter (wings with flaps) .....	..	..	..	..	B.5	2
Wiring lugs, design of .....	..	..	..	..	Z.3	4
Wireless apparatus .....	..	..	..	..	E.4	—
Wireless apparatus, installation of .....	..	..	..	..	E.5	—